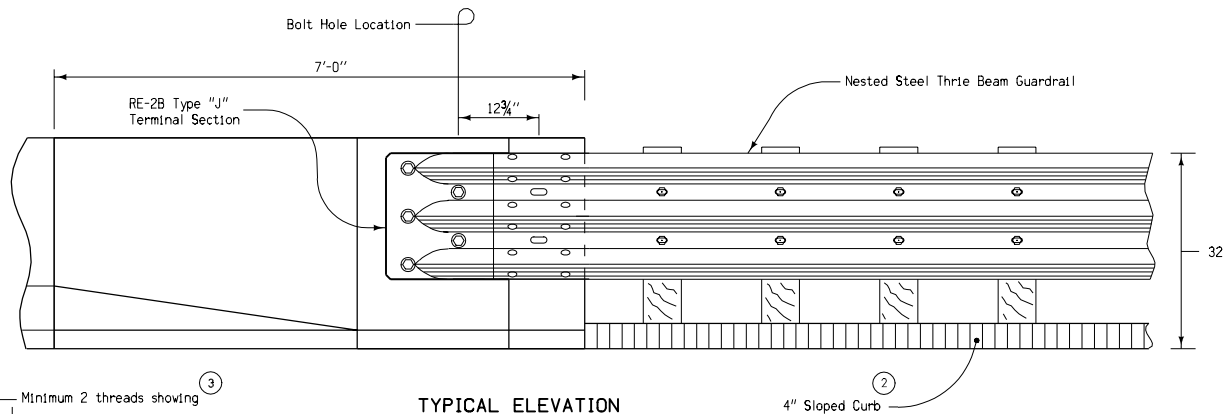
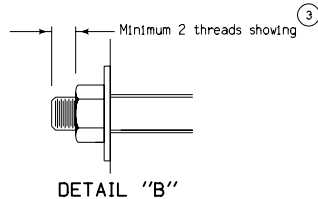


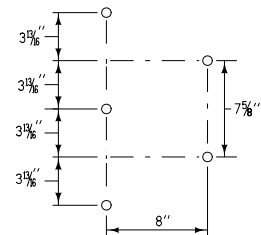
TYPICAL PLAN



TYPICAL ELEVATION

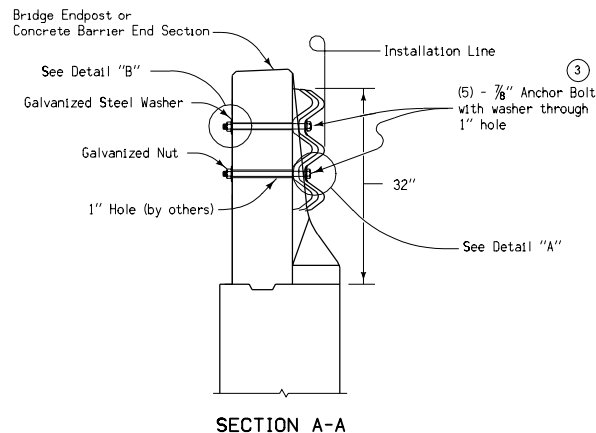


DETAIL "B"

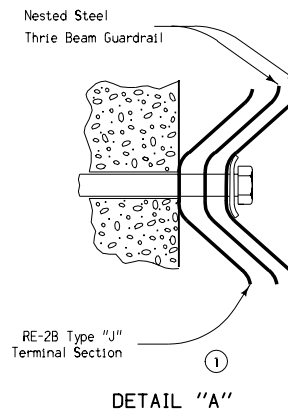


Bolt Pattern

For RE-2B Type "J" Terminal Section



SECTION A-A



DETAIL "A"

For additional information
see Standard Road Plan
RE-2B.

GENERAL NOTES:

This plan illustrates the method of attaching thrie beam guardrail to a bridge endpost or concrete barrier.

Horizontal and vertical alignment of the guardrail in the area immediately adjacent to the connection shall be adjusted to a smoothly curved line with no abrupt changes.

The anchor bolts shall conform to requirements of ASTM F 1554, Grade 55, threaded full length, and be galvanized. Threads may be chased after galvanizing. Washers shall conform to requirements of ASTM F 436 and be galvanized. Nuts shall conform to requirements of ASTM A563 DH and be galvanized. These materials shall be galvanized in compliance with ASTM A 153, Class C.

The price bid for "Guardrail, End Anchorage, Beam, RE-69," each, shall be considered full compensation for furnishing all materials listed below and the construction of the end anchorage as detailed hereon.

LIST OF MATERIALS FOR THE RE-69A END ANCHORAGE:

- (1) RE-2B Type "J" Terminal Section.
- (5) Approved 7/8" x sufficient length H.S. Hex Bolts.
- (5) Approved 7/8" H.S. Hex Nuts.
- (10) Approved Plain Washers, 15/16", regular.

- ① For attachments on the trailing end of a one-way bridge, the Type "J" Terminal Connector should be lopped on the outside of the nested thrie beam rails.
- ② See applicable Bridge Approach Section standards for specific requirements.
- ③ 7/8" anchor bolts shall be of sufficient length to leave a minimum of 2 thread widths outside of the nut.

STANDARD ROAD PLAN RE-69A	
REVISION: Changed mounting height to 32".	REVISION NO. 3
APPROVED BY: <i>William J. Allen</i> DESIGN/METHODS ENGINEER	REVISION DATE 10-29-02
GUARDRAIL INSTALLATION CONNECTION TO BRIDGE ENDPOST OR CONCRETE BARRIER	